Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application.

Listing of Claims:

Claim 1 (currently amended): A method for producing homogenous colloidal nanoparticles, comprising ~~the steps of~~ :

(a) extruding a composition comprising at least one amphiphilic component by means of a compounder before the formation of liposomes,

(b) dispersing the extruded composition of step (a) in an aqueous medium to form liposomes,

(c) optionally homogenizing the preparation of step (b) at least once and/or

(d) optionally sterile filtrating the preparation of step (b) or (c),

wherein optionally at least one active agent is present in the composition of step (a) and/or in said aqueous medium of step (b).

Claim 2 (canceled)

Claim 3 (previously presented): The method of claim 1, wherein said homogenous colloidal nanoparticles are characterized by having a FRET of between about 100 % to about 80 % of reference colloidal nanoparticles produced by the film method.

Claim 4 (previously presented): The method of claim 1, wherein said amphiphilic component is selected from fats, oils, waxes, sterols or lipids such as cholesterol or phospholipids, lysolipids, lysophospholipids, sphingolipids or pegylated lipids with a positive, negative or neutral net change.

Claim 5 (previously presented): The method of claim 1, wherein said amphiphilic component is a cationic lipid or a mixture of lipids, preferably a mixture of at least one cationic lipid and optionally a neutral lipid.

Claim 6 (previously presented): The method of claim 1, wherein said colloidal nanoparticles have a polydispersity index (PI) of below about 0.4, preferably of below about 0.2.

Claim 7 (currently amended): The method of claim 1, wherein step (a) is performed without organic solvent and/or detergent.

Claim 8 (currently amended): The method of claim 1, wherein step (a) is performed without an aqueous medium.

Claim 9 (currently amended): The method of claim 1, wherein the temperature during the extruding in step a) is between about 5°C to about 100°C~~, preferably between about 20°C to about 70°C and most preferably between about 25°C to about 50°C~~.

Claim 10 (currently amended): The method of claim 1, wherein the pressure during the extruding in step a) is between about ~~0,2~~ 0.2 bar to about 100 bar~~, preferably about 0,5 bar to about 10 bar~~.

Claim 11 (previously presented): The method of claim 1, wherein said compounder is a batch extruder or a continuous extruder.

Claim 12 (previously presented): The method of claim 1, wherein said active agent is selected from biologically active agents such as dietary supplements, vitamins, cosmetics, diagnostic or therapeutic agents, preferably from diagnostic or therapeutic agents.

Claim 13 (previously presented): The method of claim 1, wherein the extruded composition of step a) is stored as an intermediate product.

Claim 14 (original): The method of claim 13, wherein said intermediate product is supplied to a hydration process.

Claim 15 (previously presented): The method of claim 1, for manufacturing a dietary, cosmetic or pharmaceutical composition.

Claim 16 (canceled)

Claim 17 (previously presented): Cationic colloidal nanoparticles, obtainable by a method of claim 1, wherein said nanoparticles are homogeneous on a molecular level and free of an organic solvent and/or detergent.

Claim 18 (previously presented): A method of producing homogeneous colloidal nanoparticles comprising extruding amphiphilic compounds with a compounder comprising a cylinder and a plunger, wherein the cylinder has an open bore of about 0.1 mm to about 2 mm.

Claim 19 (new): The method of claim 9, wherein the temperature during the extruding in step a) is between about 20°C to about 70°C.

Claim 20 (new): The method of claim 9, wherein the temperature during the extruding in step a) is between about 25°C to about 50°C.

Claim 21 (new): The method of claim 10, wherein the pressure during the extruding in step a) is between about 0.5 bar to about 10 bar.